# Mnemonic Keymap

A keymap for all IntelliJ-based IDEs where most shortcuts have two keystrokes: the first one defines a group and the second one defines an action in this group (e.g. Ctrl/Cmd+D, A for **Debug > Attach to Process** or Ctrl/Cmd+N, U for **Navigate > Find Usages**).

You may want to try out this keymap if some of the following features are important to you:

* Easy-to-remember mnemonic mappings
* Same shortcuts across different operating systems
* Fewer modifier keys
* No conflicts with system shortcuts
* No conflicts on non-English Latin keyboards

Specific key bindings are listed below by category.

Single-chord shortcuts:

* [Standard editor shortcuts](#standard-editor-shortcuts)
* [Standard macOS application shortcuts](#standard-macos-application-shortcuts)
* [Shortcuts for sequential actions](#shortcuts-for-sequential-actions)

Double-chord shortcuts:

* [Ctrl/Cmd+B (block) - manipulate code blocks](#b)
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* [Ctrl/Cmd+G (gather) - code folding actions](#g)
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**NOTE:** Availability of the actions listed below depends on your IDE and installed plugins

## Single-chord shortcuts

### Standard editor shortcuts

| Windows/Linux |  | Action |
| --- | --- | --- |
| Ctrl+A |  | **Select All** |
| Ctrl+C |  | **Copy** |
| Ctrl+F |  | **Find** |
| Ctrl+S |  | **Save** |
| Ctrl+V |  | **Paste** |
| Ctrl+X |  | **Cut** |
| Ctrl+Y Ctrl+Shift+Z |  | **Redo** |
| Ctrl+Z |  | **Undo** |

### Standard macOS application shortcuts

|  |  |
| --- | --- |
| Cmd+H | **Hide Front Application** |
| Cmd+M | **Minimize** |
| Cmd+Q | **Quit** |
| Cmd+, | **Preferences** |

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### Shortcuts for sequential actions

| Windows/Linux |  | Action |
| --- | --- | --- |
| F1 |  | **Back** |
| Shift+F1 |  | **Forward** |
|  |  |  |
| F2 |  | **Last Edit Location** |
| Shift+F2 |  | **Next Edit Location** |
|  |  |  |
| Ctrl+F2 |  | **Next Method** |
| Ctrl+F1 |  | **Previous Method** |
|  |  |  |
| F3 |  | **Find Next** |
| Shift+F3 |  | **Find Previous** |
|  |  |  |
| F4 |  | **Next Occurrence of the Word at Caret** |
| Shift+F4 |  | **Previous Occurrence of the Word at Caret** |
|  |  |  |
| Ctrl+F4 |  | **Next Highlighted Error** |
| Ctrl+F3 |  | **Previous Highlighted Error** |
|  |  |  |
| F5 |  | **Next Change** / **Next Difference in Diff viewer** |
| Shift+F5 |  | **Previous Change** / **Previous Difference in Diff viewer** |
|  |  |  |
| F6 |  | **Next Emmet Edit Point** |
| Shift+F6 |  | **Previous Emmet Edit Point** |
|  |  |  |
| Ctrl+F7 |  | **Move Caret to Code Block Start** |
| Ctrl+F8 |  | **Move Caret to Code Block End** |
| Shift+F7 |  | **Move Caret to Code Block Start with Selection** |
| Shift+F8 |  | **Move Caret to Code Block End with Selection** |
|  |  |  |
| Ctrl+Shift+F7 |  | **Go to Containing Declaration** |
| Ctrl+Shift+F8 |  | **Select Containing Declaration** |
|  |  |  |
| Ctrl+F6 |  | **Add selection for Next Occurrence** |
| Ctrl+Shift+F6 |  | **Unselect Occurrence** |
|  |  |  |
| F7 |  | **Step Out** |
| F8 |  | **Resume Program** |
| F9 |  | **Step Over** |
| Shift+F9 |  | **Force Step Over** |
| F10 |  | **Step Into** |
| Shift+F10 |  | **Force Step Into** |
| Ctrl+Shift+F10 |  | **Smart Step Into** |
|  |  |  |
| F12 |  | **Extend Selection** |
| Shift+F12 |  | **Shrink Selection** |
|  |  |  |
| Alt+Shift+Down |  | **Move Statement Down** |
| Alt+Shift+Up |  | **Move Statement Up** |
| Alt+Shift+Left |  | **Move Element Left** |
| Alt+Shift+Right |  | **Move Statement Right** |
|  |  |  |
| Alt+Down |  | **Move Line Down** |
| Alt+Up |  | **Move Line Up** |
|  |  |  |
| Alt+Left |  | **Select Previous Tab** |
| Alt+Right |  | **Select Next Tab** |
|  |  |  |
| Ctrl+[digit] |  | **Go to bookmark X** |
| Ctrl+Shift+[digit] |  | **Toggle bookmark X** |
|  |  |  |
| Ctrl+Space |  | **Basic Completion** |
| Ctrl+Alt+Space |  | **Second Basic Completion** |
| Ctrl+Shift+Space |  | **Type-Matching Completion** |
|  |  |  |
| Ctrl+Tab |  | **Basic Completion** |

## Double-chord shortcuts

### First chord: Ctrl/Cmd+B (block) - manipulate code blocks

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| 0 |  | **Code Quick List** |
| A | as | **Save as Template** |
| B | buffer | **Paste from History** |
| C | comment | **Comment/Uncomment with Block Comment** |
| D | definitions | **Generate Definitions** |
| G | generate | **Generate** |
| I | implement | **Implement Methods** |
| O | override | **Override Methods** |
| P | paste | **Paste as Plain Text** |
| R | rearrange | **Rearrange** |
| S | surround | **Surround With...** |
| T | template | **Insert Live Template** |
| U | unwrap | **Unwrap / Remove** |
| X | Xtract | **Copy as Plain Text** |

### First chord: Ctrl/Cmd+D (debug) - running and debugging

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| 0 |  | **Debugger Quick List** |
| A | attach | **Attach to Process** |
| B | breakpoints | **View Breakpoints** |
| C | cursor | **Run to Cursor** |
| D | debug | **Debug Selected Configuration** |
| E | evaluate | **Evaluate Expression** |
| F | find | **Show Execution Point** |
| I | immediate | **Navigate to Immediate Window** |
| J | jump | **Jump to Statement** |
| K | konfig | **Edit Configurations** |
| L | line | **Toggle Line Breakpoint** |
| N | new run | **Rerun** |
| O | over | **Stop** |
| P | pause | **Pause Program** |
| R | run | **Run Selected Configuration** |
| S | skip | **Force Run to Cursor** |
| T | temporary | **Toggle Temporary Line Breakpoint** |
| U | update | **Update Running Application** |
| V | value | **Set Value** |
| W | watch | **Add to Watches** |
| X |  | **Toggle Breakpoint Enabled** |
| Y |  | **Quick Evaluate Expression** |
| 1 |  | **Run... (select configuration)** |
| 2 |  | **Debug... (select configuration)** |
| 3 |  | **Run Context Configuration** |

### First chord: Ctrl/Cmd+E (editor) - editor actions

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| 1 |  | **Stretch Split Tab Left** |
| 4 |  | **Stretch Split Tab Right** |
| 2 |  | **Stretch Split Tab Up** |
| 3 |  | **Stretch Split Tab Down** |
| 0 |  | **Code Quick List** |
| A | all | **Select All Occurrences** |
| B | bold | **Markdown: Bold** |
| C | case | **Toggle Case** |
| D | documentation | **Quick Documentation** |
| E | ends | **Add Carets to Ends of Selected Lines** |
| F | format | **Reformat Code** |
| I | implementation | **Quick Definition** |
| I | italic | **Markdown: Italic** |
| J | juxtapose | **Compare with Clipboard** |
| K | kode | **Markdown: Code** |
| L | link | **Markdown: Link** |
| O | oppose | **Compare With** |
| P | parameter | **Parameter Information** |
| P | picture | **Markdown: Insert Image** |
| R | replace | **Replace** |
| S | scratch | **New Scratch File** |
| T | type | **Quick Type Definition** |
| T | through | **Markdown: Strikethrough** |
| U | usages | **Highlight Usages in File** |
| W |  | **Copy Path/Reference** |
| X |  | **Close Tab** |
| Y | tYpe | **Type Info** |

### First chord: Ctrl/Cmd+G (gather) - code folding actions

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| 0 |  | **Folding Quick List** |
| A | all | **Expand All** |
| B | block | **Fold Code Block** |
| C | collapse | **Collapse** |
| D | definitions | **Collapse to Definitions** |
| E | expand | **Expand** |
| O | open | **Expand Recursively** |
| S | selection | **Fold Selection/Remove Region** |
| T | toggle | **Toggle Folding** (Rider) |
| X |  | **Collapse All** |

### First chord: Ctrl/Cmd+I (inspect) - code analysis actions

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| 0 |  | **Analyze Quick List** |
| A | analyze | **Inspect Code** |
| B |  | **Inspect This** |
| C | calls | **Call Hierarchy** |
| E | error | **Error Description** |
| F | functions | **Method Hierarchy** |
| I | imports | **Imports Hierarchy** |
| N | name | **Run Inspection by Name** |
| S | stacktrace | **Analyze Stack Trace** |
| T | types | **Type Hierarchy** |

### First chord: Ctrl/Cmd+J (jump) - single-destination navigation

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| 0 |  | **Select In** |
| A | another | **Move Caret to Matching Brace** |
| B | breadcrumbs | **Jump to Navigation Bar** |
| C | class | **Type Declaration** |
| D | declaration | **Go to Declaration** |
| E | editor | **Jump to Source** |
| F | files | **File Path** |
| P | project | **Locate in Project/Soluiton View** |
| R | related | **Switch Header/Source** |
| S | switcher | **Switcher** |
| T | terminal | **Open in Terminal** |
| X |  | **Next Bookmark** |
| Z |  | **Previous Bookmark** |

### First chord: Ctrl/Cmd+K (kommit) - VCS actions

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| 0 |  | **VCS Operations** |
| A | add | **Add to VCS** |
| B | branches | **Branches** |
| C | commit | **Commit** |
| D | diff | **Show Diff** |
| F | fetch | **Fetch** |
| K | kommit | **Commit and Push** |
| L |  | **Pull** |
| P | push | **Push** |
| R | requests | **Pull Requests** |
| U | update | **Update** |
| Z |  | **Revert/Roll back** |

### First chord: Ctrl/Cmd+L (line) - manipulate code lines

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| 0 |  | **Code Quick List** |
| B | bookmark | **Toggle Bookmark** |
| C | comment | **Comment with Line Comment** |
| D | duplicate | **Duplicate Line or Selection** |
| F | flag | **Toggle Bookmark with Mnemonic** |
| G | go | **Go to Line** |
| I | indent | **Auto-Indent Lines** |
| J | join | **Join Lines** |
| N | numbers | **Show Line Numbers** |
| R | reverse | **Reverse Lines** |
| S | sort | **Sort Lines** |
| W | wrap | **Soft-Wrap** |
| X |  | **Delete Line** |

### First chord: Ctrl/Cmd+N (navigate) - multiple-destination navigation

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| 0 |  | **Navigate Quick List** |
| A | all | **Go to Symbol** |
| B | bookmarks | **Show Bookmarks** |
| C | class | **Go to Class** |
| D | declaration | **Go to Declaration** |
| E | edits | **Recently Changed Files** |
| F | find | **Find in Files** |
| G | go | **Search Everywhere** |
| I | implementation | **Go to Implementations / Derived Symbols** |
| J |  | **Structure / Go to File Member** |
| K | kode | **Go to Implementation** |
| L | list | **Show Usages** |
| N | navigate | **Navigate To** |
| O | open | **Go to File** |
| P | peers | **Go to Related Symbol** |
| R | recent | **Recent Files** |
| S | super | **Go to Super Method / Base Symbols** |
| T | text | **Search Text** |
| U | usages | **Find Usages** |
| V | visited | **Recent Locations** |
| W | watch | **Add to Watches** |
| X | xtended | **Find Usages Settings** |
| Z |  | **Recent Changes** |

### First chord: Ctrl/Cmd+O (other) - IDE-specific and plugin-specific actions

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| A | apply | **Apply Code Changes / Hot Reload** (Android Studio, Rider) |
| D | device | **Select Device** (Android Studio) |
| E | edit | **Edit Property Value** (Android Studio, i18n) |
| R | restart | **Apply Changes and Restart** (Android Studio) |

### First chord: Ctrl/Cmd+P (project) - global project actions

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| 0 |  | **Build Quick List** |
| A | ant | **Run Ant Target** |
| B | build | **Build Project/Solution** |
| C | clean | **Clean Project/Solution** |
| F | file | **Add New File** |
| N | nuget | **NuGet Quick List** (Rider) |
| O | open | **Open File or Project** |
| R | rebuild | **Rebuild Project/Solution** |
| S | structure | **Project Structure** |
| T | test | **C# Interactive** (Rider) |
| U | update | **Reload All from Disk** |
| W | with me | **Code With Me** |
| X |  | **Cancel Build** |

### First chord: Ctrl/Cmd+R (refactor) - bulk transformations

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| 0 |  | **Refactor This** |
| A | all | **Replace in Files** |
| B |  | **Reformat File** |
| C | cleanup | **Reformat and Cleanup** |
| D | duplicate | **Copy** |
| E | extract | **Extract Method** |
| F | field | **Introduce Field** |
| G |  | **Silent Reformat and Cleanup** |
| I | interface | **Extract Interface** |
| J | jump | **Jump to Statement** |
| K | konstant | **Introduce Constant** |
| L | line | **Inline** |
| N | new run | **Rerun** |
| O | optimize | **Optimize Imports** |
| P | parameter | **Introduce Parameter** |
| R | rename | **Rename** |
| S | signature | **Change Signature** |
| T | type | **Extract Class** |
| U | uber | **Extract Superclass** |
| V | variable | **Introduce Variable** |
| W |  | **Move** |
| X |  | **Safe Delete** |
| Y |  | **Pull Members Up** |
| Z |  | **Push Members Down** |

### First chord: Ctrl/Cmd+T (test) - testing actions

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| 0 |  | **Unit Testing Quick List** (Rider) |
| A | all | **Run All Tests from Solution** (Rider) |
| A | again | **Rerun Tests** |
| C | cover | **Run with Coverage / Cover Unit Tests** |
| D | debug | **Debug Unit Tests** (Rider) |
| F | failed | **Rerun Failed Tests** (Rider) |
| G | go | **Go to Test** |
| L | last | **Repeat Previous Run** (Rider) |
| L | latest | **Recent Tests** |
| N | new | **Create New Session** (Rider) |
| P | profile | **Profile / Profile Unit Tests** |
| R | run | **Run Unit Tests** (Rider) |
| S | session | **Run Current Session** (Rider) |
| S | show | **Show Coverage Data** |
| U | unit | **Run under dotMemory Unit** (Rider) |
| X |  | **Stop Execution** (Rider) |

### First chord: Ctrl/Cmd+U (utilities) - global helper actions

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| 1 |  | **Stretch Window Left** |
| 4 |  | **Stretch Window Right** |
| 2 |  | **Stretch Window Up** |
| 3 |  | **Stretch Window Down** |
| A | action | **Find Action** |
| B | browser | **Open in Browser** (Tasks) |
| C | changes | **Local History** |
| D | documentation | **Context Help** |
| G | guide | **Help Topics** |
| K | keep | **Save Context** (Tasks) |
| L | load | **Load Context** (Tasks) |
| N | new start | **Restart IDE** |
| O | open | **Open Task** (Tasks) |
| R | refresh | **Refresh** |
| S | settings | **Settings** |
| T | tasks | **Switch Task** (Tasks) |
| U | ui | **Quick Switch Scheme** |
| X |  | **Clear Context** (Tasks) |
| Z |  | **Close Active Task** (Tasks) |

### First chord: Ctrl/Cmd+W (window) - manipulate tool windows

| Second Chord | Mnemonic | Action |
| --- | --- | --- |
| 0 |  | **Tool Windows Quick List** |
| 1 |  | **Toggle Presentation Mode** |
| 2 |  | **Toggle Distraction Free Mode** |
| 3 |  | **Toggle Full Screen Mode** |
| 4 |  | **Toggle Zen Mode** |
| 5 |  | **Hide Active Tool Window** |
| 6 |  | **Hide All Tool Windows** |
| 7 |  | **Jump to Last Tool Window** |
| 9 |  | **Maximize Tool Window** |
| A | ant | **Ant Window** |
| A |  | **Build Window** (Rider) |
| B | bookmarks | **Bookmarks Window** |
| C | commit | **Commit Window** |
| D | debug | **Debug Window** |
| E | endpoints | **Endpoints Window** |
| F | find | **Find Window** |
| G | gradle | **Gradle Window** |
| G | get | **NuGet Window** (Rider) |
| I | il | **IL Viewer Window** (Rider) |
| I | inspect | **Inspector Window** (MPS) |
| J |  | **Problems Window** |
| K |  | **Services Window** |
| L | learn | **Learn Window** |
| N | notifications | **Notifications Window** |
| O |  | **Profiler Window** |
| P | project | **Project/Explorer Window** |
| R | run | **Run Window** |
| S | structure | **Structure Window** |
| T | terminal | **Terminal Window** |
| U | unit | **Unit Tests Window** (Rider) |
| V | vcs | **Version Control Window** |
| X |  | **Database Window** |
| Y |  | **TODO Window** |
| Z |  | **Hierarchy Window** |